



Crop Weather Report

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For the Week Ending:
June 8, 2008

Weather Summary

Montana received much appreciated adequate moisture resulting in a few precipitation records for the week ending June 8th. Albion had the most moisture during the week with 3.45 inches. Harlem had a record high precipitation on June 3rd with 1.30 inches, breaking the old record of 0.40 of an inch. Wisdom had a record high precipitation on June 4th with 1.30 inches, breaking the old record of 0.82 of an inch. Highs were mostly in the 70s and several areas reached the low 80s. Lows were mostly in the 30s. Miles City had the high temperature of 82 degrees, and Sula and Wisdom shared the low temperature of 29 degrees. Topsoil moisture adequate and surplus, at 86 percent, is above last week's 81 percent, and the five year average of 78 but no change from last year's 86 percent. Subsoil moisture adequate and surplus is 62 percent, above last week's 56 percent and the five-year average of 58 percent, but below last year's 78 percent. The number of days suitable for field work was 3.2 days.

The weather outlook for June 16th through June 22nd is for near normal temperatures and near normal precipitation east and west of the continental divide. Normal temperatures for this period in Montana are highs in the upper 60s to the upper 70s and lows in the mid 30s to the lower 50s.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	4	6	1	5
Short	10	13	13	17
Adequate	80	71	68	67
Surplus	6	10	18	11
Subsoil Moisture				
Very Short	11	18	2	14
Short	27	26	20	28
Adequate	59	53	66	54
Surplus	3	3	12	4
Days Suitable for Fieldwork				
Days	3.2	3.5	3.9	4.3

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Oats	93	92	98	98
Emerged				
Barley	99	95	97	96
Durum Wheat	93	78	78	74
Oats	81	78	95	91
Spring Wheat	95	89	98	96
Dry Peas	92	85	97	n/a
Lentils	97	83	96	n/a
Corn	88	75	93	87
Boot Stage				
Barley	4	1	19	10
Durum Wheat	2	0	6	3
Oats	8	2	14	7
Spring Wheat	6	1	8	7
Winter Wheat	38	14	79	74
Blooming				
Dry Peas	2	0	4	n/a
Lentils	1	0	2	n/a

Field Crops Report

The adequate moisture along with cooler temperatures during the past few weeks has improved all small grain conditions except for winter wheat. Winter wheat condition declined slightly from the previous week, but is still below last year and the five-year average. Spring wheat condition improved from last week, but is still below last year and the five-year average. Also, durum wheat condition improved from last week, but is still below last year and the five-year average. Barley condition improved slightly from last week, and is slightly above last year and the five-year average.

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	1	1	0	0
Poor	1	2	4	3
Fair	27	27	26	27
Good	65	64	47	54
Excellent	6	6	23	16
Durum Wheat				
Very Poor	4	3	1	1
Poor	16	16	3	6
Fair	46	49	17	21
Good	27	31	60	59
Excellent	7	1	19	13
Oats				
Very Poor	2	2	0	1
Poor	4	4	2	4
Fair	43	51	13	24
Good	46	37	62	58
Excellent	5	6	23	13
Spring Wheat				
Very Poor	2	2	1	1
Poor	4	4	5	3
Fair	38	45	20	26
Good	51	43	50	59
Excellent	5	6	24	11
Winter Wheat				
Very Poor	2	4	0	2
Poor	12	18	2	8
Fair	49	39	20	32
Good	30	31	44	39
Excellent	7	8	34	19

Livestock Report

Range and Pasture condition improved slightly from the previous week, but is still below last year and the five year average.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	3	6	1	5
Poor	15	17	5	12
Fair	36	33	25	29
Good	37	31	38	38
Excellent	9	13	31	16
Moved to Summer Ranges				
Cattle & Calves	89	79	88	85
Sheep & Lambs	91	81	83	82

Weather Information for the Week ending 06/08/2008

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	71	38	52	18	-38	0.46	+0.02	2.63	-0.96	73	11.91	+2.56	127
Anaconda	63	34	48	3	-39	1.45	+0.96	4.45	+0.84	123	10.92	+2.88	136
Clinton	65	35	50	8	-25	1.46	+0.97	4.88	+1.49	144	13.43	+2.52	123
Corvallis	66	37	51	14	-46	0.42	+0.00	1.85	-1.38	57	6.18	-1.32	82
Creston	65	42	51	14	-33	1.37	+0.67	4.47	-0.63	88	8.29	-5.06	62
Deer Lodge	65	35	49	6	-27	1.42	+1.00	3.15	+0.04	101	5.55	+0.00	100
Drummond	66	33	48	4	-44	1.16	+0.74	4.14	+0.67	119	8.88	+0.88	111
Hamilton	70	39	52	20	-33	0.00	-0.42	2.62	-0.69	79	5.97	-0.25	96
Kalispell	71	43	53	29	-14	0.97	+0.41	2.97	-0.98	75	8.05	-3.72	68
Missoula	69	37	53	24	-32	0.80	+0.36	2.72	-0.87	76	7.45	-1.90	80
Olney	63	36	50	5	-29	1.23	+0.59	2.45	-2.01	55	15.17	-1.13	93
Polson	66	41	53	23	-38	0.74	+0.18	4.01	-0.33	92	8.32	-2.48	77
St Ignatius	66	41	52	20	-44	1.28	+0.68	4.11	-0.64	87	8.16	-2.83	74
Seeley Lake	64	38	51	10	-28	0.67	+0.11	2.73	-1.00	73	13.40	-1.89	88
Sula	63	29	47	3	-24	1.33	+0.77	4.04	-0.39	91	9.80	-0.74	93
Superior	71	39	54	30	-37	0.32	-0.13	3.07	-0.53	85	12.20	+0.25	102
Swan Lake	66	40	52	14	-21	0.93	+0.23	4.43	-0.67	87	21.04	-0.63	97
Thompson Falls	69	41	54	29	-45	0.80	+0.24	3.29	-1.16	74	19.45	+1.47	108
West Glacier	75	39	51	20	-25	1.55	+0.78	5.85	+0.47	109	24.03	+3.03	114
NORTH CENTRAL													
Chester	73	36	54	29	-34	1.14	+0.60	4.59	+1.45	146	6.22	+0.68	112
Chinook	77	45	58	59	-22	0.72	+0.16	5.64	+1.66	142	7.87	+0.81	111
Choteau	66	39	52	18	-42	0.51	-0.05	5.96	+2.53	174	8.32	+3.11	160
Cut Bank	67	40	53	24	-16	1.30	+0.67	5.99	+2.08	153	6.92	+0.55	109
Ft Assinniboine	77	43	57	52	-27	1.65	+1.09	4.94	+1.07	128	6.62	-0.50	93
Fort Benton	76	40	57	50	-33	0.93	+0.30	6.57	+2.28	153	9.08	+1.11	114
Goldbutte	68	34	53	21	-30	1.69	+1.04	6.28	+2.21	154	8.56	+1.34	119
Harlem	75	44	58	55	-23	1.74	+1.18	3.24	-0.14	96	4.70	-1.15	80
Havre	77	41	57	52	-21	0.56	+0.07	3.53	+0.21	106	5.01	-1.44	78
Malta	76	44	58	55	-25	1.22	+0.59	4.46	+0.53	113	8.13	+1.23	118
Rudyard	76	40	55	37	-27	1.14	+0.64	5.66	+2.33	170	6.35	+1.18	123
Shelby	71	39	53	22	-31	0.80	+0.24	5.37	+1.46	137	6.66	-0.21	97
Turner	73	40	55	37	-30	1.72	+1.12	4.80	+1.75	157	6.02	+0.71	113
Valier	66	41	53	19	-40	0.83	+0.16	5.96	+1.97	149	7.98	+1.66	126
NORTHEAST													
Bredette	72	38	55	38	-45	0.45	-0.17	2.79	-0.69	80	5.58	-0.33	94
Culbertson	76	35	57	53	-41	0.22	-0.41	1.70	-2.09	45	3.92	-2.57	60
Glasgow	77	42	58	55	-30	1.23	+0.74	4.87	+1.79	158	7.18	+1.53	127
Glendive	79	46	60	70	-29	1.24	+0.65	4.91	+0.94	124	6.72	-0.48	93
Jordan	74	39	57	47	-42	0.80	+0.24	4.87	+1.00	126	8.23	+1.03	114
Nashua	75	44	58	61	-41	1.21	+0.72	5.11	+1.77	153	7.18	+1.54	127
Opheim	73	39	54	29	-34	1.48	+0.85	3.11	-0.37	89	5.35	-0.27	95
Plentywood	77	38	57	53	-34	0.63	+0.00	2.48	-0.98	72	4.63	-1.61	74
St Marie	74	42	56	45	-40	0.44	-0.05	3.73	+0.65	121	5.74	+0.09	102
Scobey	72	35	56	46	-28	0.88	+0.20	4.00	+0.61	118	6.93	+1.26	122
Sidney	74	42	61	78	-22	0.38	-0.25	2.86	-1.02	74	4.64	-2.73	63
Wolf Point	77	41	59	64	-34	0.18	-0.38	3.29	+0.11	103	4.78	-1.06	82
CENTRAL													
Cascade	67	38	52	21	-17	1.32	+0.69	7.76	+3.07	165	12.36	+4.13	150
Grass Range	66	39	54	28	-34	2.04	+1.34	10.14	+4.74	188	14.10	+4.40	145
Great Falls	72	41	54	32	-23	0.96	+0.39	6.03	+1.39	130	8.86	-0.21	98
Harlowton	74	37	52	20	-37	1.09	+0.45	7.31	+3.00	170	11.46	+3.77	149
Helena	74	42	56	40	-22	0.74	+0.29	3.86	+0.60	118	6.40	-0.01	100
Lewistown	68	36	52	17	-28	0.95	+0.22	6.76	+1.55	130	9.48	-1.02	90
Martinsdale	69	36	51	19	-18	0.96	+0.40	6.10	+2.01	149	9.59	+2.16	129
Neihart	66	33	48	7	-30	2.06	+1.22	8.78	+2.42	138	15.95	+3.17	125
Rogers Pass	67	39	52	20	-23	0.77	+0.08	7.12	+1.39	124	10.67	-0.28	97
Roundup	74	41	57	51	-32	1.01	+0.45	6.68	+2.36	155	9.33	+1.72	123
Ryegate	74	36	53	23	-31	1.01	+0.45	6.16	+2.47	167	9.20	+2.31	134
Stanford	67	36	51	16	-39	0.58	-0.12	6.66	+1.42	127	10.26	+0.54	106
Townsend	67	37	53	26	-38	1.15	+0.66	3.58	+0.53	117	5.77	+0.23	104
Valentine	74	41	55	38	-30	0.61	+0.11	7.20	+2.63	158	9.89	+1.90	124
Wht Sulphur Spr	65	36	50	12	-27	1.35	+0.79	4.67	+0.51	112	8.34	+0.56	107
SOUTHWEST													
Boulder	67	33	50	12	-30	0.83	+0.34	3.77	+0.41	112	6.44	+0.24	104
Bozeman	71	32	52	21	-34	2.42	+1.66	8.77	+2.57	141	17.34	+4.64	137
Butte	65	31	47	4	-28	1.82	+1.32	4.21	+0.54	115	6.39	-1.06	86
Dillon	66	35	50	12	-34	0.38	-0.06	3.07	-0.25	92	6.00	+0.44	108
Ennis	70	30	51	19	-26	0.75	+0.19	5.33	+1.15	128	10.45	+2.35	129
Lakeview	66	35	49	9	-9	0.95	+0.27	4.84	-0.13	97	12.37	+0.01	100
W Yellowstone	69	34	49	9	-8	1.20	+0.64	5.48	+1.11	125	17.18	+1.60	110
Wisdom	65	29	45	5	-14	1.56	+1.14	3.93	+0.73	123	9.63	+2.36	132
SOUTH CENTRAL													
Billings	77	41	58	55	-31	0.22	-0.27	5.27	+0.46	110	9.23	-0.82	92
Cooke City	67	35	50	12	+9	1.02	+0.32	4.96	-0.35	93	10.28	-7.05	59
Gardiner	74	36	52	27	-36	0.23	-0.12	1.68	-1.07	61	5.50	-0.44	93
Hardin	80	38	59	61	-35	0.23	-0.19	6.05	+2.19	157	8.97	+1.09	114
Huntley	81	34	58	56	-21	0.36	-0.13	6.10	+1.54	134	10.04	+1.07	112
Hysham	70	42	56	46	-45	0.58	+0.09	6.68	+2.23	150	9.75	+1.36	116
Joliet	76	33	55	37	-34	0.47	-0.04	6.25	+0.71	113	10.39	-0.73	93
Livingston	72	36	53	30	-26	1.00	+0.37	6.45	+1.26	124	10.13	+0.43	104
Nye	71	33	52	24	-25	1.29	+0.52	9.64	+3.58	159	14.84	+3.46	130
Rapelje	70	33	54	28	-37	0.71	+0.21	6.52	+1.55	131	10.08	+0.39	104
SOUTHEAST													
Albion	77	41	57	52	-18	3.45	+2.75	12.07	+7.08	242	14.92	+6.86	185
Baker	79	41	57	52	-32	0.73	+0.12	6.21	+1.81	141	7.47	-0.98	88
Broadus	74	40	57	52	-37	2.86	+2.30	10.06	+5.52	222	12.03	+3.35	139
Ekalaka	71	40	55	34	-47	1.85	+1.08	9.76	+4.29	178	12.45	+2.08	120
Miles City	82	44	59	64	-36	1.17	+0.58	4.75	+0.44	110	5.37	-2.49	68
Plevna	79	39	57	52	-32	0.72	+0.11	6.25	+1.85	142	7.85	-0.60	93
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1970-2000. GDD-Growing degree days													